

PATENT

Case Docket No. MICRON.278A

Date: May 6, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Smythe et al.  
Appl. No. : 10/782,997  
Filed : February 19, 2004  
For : SUB-MICRON SPACE LINER  
AND DENSIFICATION  
PROCESS  
Examiner : Unknown  
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

May 6, 2004

(Date)

Adeel S. Akhtar, Reg. No. 41,394

TRANSMITTAL LETTER

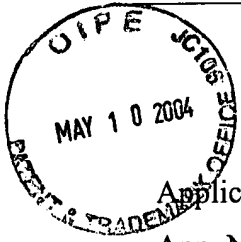
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing ten (10) references.
- (X) Two (2) references are enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

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## INFORMATION DISCLOSURE STATEMENT

Applicant : Smythe et al.  
App. No. : 10/782,997  
Filed : February 19, 2004  
For : SUB-MICRON SPACE LINER AND  
DENSIFICATION PROCESS  
Examiner : Unknown  
Group Art Unit : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 10 references. Copies of disclosed U.S. patents are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references are enclosed.

This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: May 6, 2004

By: Adeel S. Akhtar

Adeel S. Akhtar  
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
MICRON.278AAPPLICATION NO.  
10/782,997INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Smythe et al.FILING DATE  
February 19, 2004GROUP  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		5,087,586	2/11/92	Chan et al.			
		5,447,884	9/5/95	Fahey et al.			
		5,492,858	2/20/96	Bose et al.			
		5,702,976	12/30/97	Schuegraf et al.			
		6,027,982	2/22/00	Peidous et al.			
		6,037,238	3/14/00	Chang et al.			
		6,518,148 B1	2/11/03	Cheng et al.			
		6,657,276 B1	12/2/03	Karlsson et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Peters, Laura, "Choices and Challenges for Shallow Trench Isolation," <u>Semiconductor International</u> , Website <a href="http://www.ree-electronics.com">www.ree-electronics.com</a> , 6 pages, April 1, 1999.
	Advertisement entitled "Polysilazane SODs Spinfil™ 400 Series for STI/PMD Application."

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050404

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	